

On the Question of Thermal Fatigue in Aluminum
Single Crystals, by V. I. Arkharov, S. G. Ignat'eva,
Mu. D. Kozmanov, 2 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, No 3,
1953, pp 439-440.

Navy Tr 811/MRL 443

Scientific - Chemistry

Aug 53 CTS/DEX

4717

On the Mutual Disposition of Two Empirical
Distribution Functions, by V. S. Mikhalevich, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV,
No 3, 1952, pp 485-488.

Sci Tr Center RT-336

Scientific - Mathematics

10,127

On the Nature of Emission of Radio Stars, by I. S. Shklovskii. ~~UNCLASSIFIED~~ 9ff.

RUSSIAN, thrice no per, Dok Ak Nauk SSSR, Vol LXXXV, No 3, 1952, pp 509-512.

Navy Tr 714/NRL 422

ARDC - X - 50 DDC

~~Scientific - Astronomy, emission, radio stars~~

Scientific - Astronomy, emission, radio stars

Feb 53 CTS/DEX

See also ... 1954

On the Kinetics of Phosphorescence, by V. V.
Antonov-Romanovski, 4 pp., UNCLASSIFIED

Full translation.

RUSSIAN, Thrice-mo per, Dok Ak Nauk SSSR, Vol LXXV,
No 3, pp 517-520, 1952.

Navy Tr 753/MRL 425

Scientific - Physics

May 53 CTS

2014
3015

Luminescence of Atomic and Ionic Centers of Silver in
NaCl-Ag Phosphors, by M. L. Kats (Katz), 4 pp.
UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXCV,
No 3, pp 539-542, 1952.

Navy Tr 685/NRL 415

Sci Tr Ent + NT 380

Scientific - Physics, chemistry, atomic, ionic, silver

Dec 52: CTS/DEX

Sensitized Phosphorescence of Organic Molecules
at Low Temperatures. Intermolecular Energy Trans-
fer With Excitation of the Triplet Level, by
A. N. Terenin, V. L. Ermolaev, 12 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXXV, No 3, ~~1951~~ 1952, pp 547-550.

29,552 Sci Mus Lib 55/2462

Natl Res Lib TT-529

Sci - Physics

Velikanov, M.A.
MOVEMENT OF A HEAVY PARTICLE IN A TURBU-
LENT STREAM: 8 p. MTWL: 620.
Order from OTS or ETC \$1.55 61-17240

Trans. of Akademiya Nauk SSSR. Doklady, 1952,
v. 85, no. 3, p. 555-558.

DESCRIPTORS: *Turbulent flow, Solids, Motion,
Theory.

61-17240

- I. Velikanov, M.A.
- II. MTWL-620
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

On the Interatomic Reciprocal in Alloys on the Basis
of Elements of the IVth period of the Mendeleev
Period System, by I. Ya. Dekhtyar,

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol LXXXV,
No 3, 1952, pp 583-586.

Insdoc 37,533
Nat'l Phys Lab of India
Hillside Rd,
New Delhi - 12
India.

Sci - Chemistry
Aug 56 CTS/dex

The Equilibrium Potential of the System Oxygen/
Hydrogen Peroxide, by I. E. Yablokova, V. S. Pagotsky,
4 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIV,
No 3, 1952, pp 599-602.

Navy Tr 848/NRL 451

USSR
Scientific - Chemistry

Oct 53 DTS

6572

The Role of Phosphopyridoxal in Enzyme Formation
and the Splitting of Cystathionine at Transfer
of Sulfur, by E. Goriachenkova.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 85, No 3,
1952, pp 603-606.

HEW MTH

4-34-68

Sci/B & M
June 68

358,338

On the Speed of the First Reaction in the
Transformation of CO₂ in the Process of
Photosynthesis, by N. G. Doman, 6 pp.
UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIV, 1952,
pp 607-610.

RT-2032
AEC Tr 2045

Scientific - Chemistry Jun 53 CTS/DEX

3072

Amitotic Reproduction of Neutrophils in Ascitic
and Pleural Fluids, by P. S. Revutskaya, 7 p.

^{Dok}
RUSSIAN, per, Akademiya Nauk SSSR, 1952,
Vol LXXXV, No 3, pp 641-644.

SLA 59-17860

Sci
Jan 60
Vol 2, No 9

105,987

On the Assimilation of Carbon Dioxide (Carbonic
Anhydride) by the Roots of Plants, by A. M. Kuzin,
G. I. Merenova, Ia. V. Mamul', 5 pp. UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV,
1952, pp 645-647.

AEC Tr 2044

Scientific - Chemistry

Jun 53 CTS/DEX

3071

Respiration of Conductive Tissues and the
Movement of Sucrose, by A. L. Kursanov, M. V.
Turkina, 10 pp.

RUSSIAN, ~~publ~~ thrice-a-year, Dok Ak Nauk SSSR,
Vol LXXIV, No 3, 1952, pp 649-657.

Sci Tr Center RT-2162

Scientific - Biology
Apr 55 CTS

22,872

Effect of Urea as a Factor Provoking Change of
Structure of Albuminous Substances in the
Course of the Healing of Wounds, by L. N.
Zamanskly, A. I. Lopushanskiy, 10pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXIV, No 3, 1952, pp 665-668.

NIH

Scientific - Medicine
CIS/DEX

5520

Angelov, B. P., Lobanov, E. M. and others.
DE WERKING VAN EEN ELECTRONENSTROOM OP
DE GEVOELIGE LAAG VAN VENTIELFOTOCELLEN
(Deĭstvie Potoka Elektronov na Chuvstvitel'nyĭ Sloĭ
Ventil'nykh Fotoelementov) (The action of an electron
beam on the sensitive layer of a photoelectric cell)
tr. by J. H. van Santen. 8p. (foreign text included).
MTWL: 709. (Text in Dutch).
Order from OTS or ETC \$1.55

61-17332

Trans. of Akademiya Nauk SSSR, Doklady 1952, v. 85,
no. 4, p. 733-735.

DESCRIPTORS: *Electron beams, *Photoelectric cells,
Sensitivity.

61-17332

- I. Angelov, B. P.
- II. Lobanov, E. M.
- III. Starodubtsev, S. V.
- IV. MTWL-709
- V. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Reproduction of Coefficients of Various
Diffusion of Metals, by the Ions of the Very
Same Metals, by L. N. Dobretsov, N. M. Karyaukhova,
UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol. LXXXV, No 4, 1952, pp 745-748.

ATIC F-TS-0369

*AEC

Scientific - Min/Metals

19,319

Properties of Superconducting Films of Thallium and Indium, by N. V. Zavaritskiy. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, No 4, 1952, pp 749-752.

Navy Tr 979/NRL 474

Scientific - Chemistry

11, 919

CTS/DEY

The Measurement of Electron and Positive Ion
Energies in a Gas Discharge Plasma, by
N. I. Ionov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXXIV, 1952, pp 753-755.

AEC Tr 2857

Sci - Physics
Apr 57 CTS/sex

47,135

Fluorescence of Ionic and ~~Atom~~ Atomic Centers of
Copper in NaCl-Cu Phosphors, by M. L. Kats, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV,
No 4, 1952, pp 757-760.

Sci Trans Center RT-379

10,906

Scientific - Physics
CTS/DEX

Causes of the Weakening of the Intensity of
X-Ray Interference of Martensite, by V. A.
Il'ina, V. K. Kritskaya, X G. V. Kurdyumov,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV,
No 4, 1952, pp 773-775.

SIA 60-16989

Sci
May 62
Vol 4, No 10

196,872

Velocity of Ultrasonic Waves in Saturated Vapors of
Organic Liquids, by V. F. Nozdrev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 4, 1952,
pp 777-779.

Butcher Trans No 2973

Scientific - Chemistry, hydrocarbons, ultrasonic waves,
organic liquids

Influence of Stereochemical Factors on the Affinity
of Displaced Ethylenes for Polymerization, by
V. V. Korschak, H. G. Matveeva, 7 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, ~~XXXXXX~~
Vol LXXXV, No 4, 1952, pp 797-800.

USDA Tr

Scientific - Medicine

QTS 8-0000
Aug 53 CTS/DEX

4781

Nikitin, B.A. and Ioffe, E.M.
A COMPOUND OF RADON WITH PARACHLOROPHENOL
5 p. 3 refs. MTWL: 625
Order from OTS or ETC \$1.55

61-17227

Trans. of Akademiya Nauk SSSR. Doklady, 1952,
v. 85, no. 4, p. 809-810.

DESCRIPTORS: *Radon, Chemical reactions,
Chlorine compounds, *Phenols.

61-17227

I. Nikitin, B.A.
II. Ioffe, E.M.
III. MTWL-625
IV. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Redistribution of Carbon During Transformation in
Bainite Range, by L. M. Pevzner, G. M. Rovenskii,
T. D. Kubyshtina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 4, 1952,
pp 811-814.

Butcher Trans No 2976

Scientific - Metallurgy, steel, carbon, transformation
bainite range

Investigation of the Mechanism of Reduction Reactions
of Diazonium Salts. Reduction With Hypophosphorous
acid, by G. P. Miklukhin, A. F. Rekasheva, 11 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV,
No 4, 1952, pp 827-830.

FIH

Scientific ~~Chemistry~~
PS/DEX

*Nuclear Physics,
Deuterium 6370*

The Adaptation of Respiratory & Gaseous Exchange of
the Apple to its Environment, by B. A. ~~EMXE~~ RUBIN.
et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, No 4,
1952, pp 859-862.

*PL-480

Sci
Jul 63

The Transition of Zircon into the Metamict
State, by M. K. Zhurov

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR,
Vol LXXXV, pp 889-91, 1952.

AEC-tr-2384

USSR
Sci - Chemistry
Mar 56 CTS/DEX

31,687

Stroganova, N. S.

AMITOSIS DURING SPERMATOGENESIS IN MAMMALS.

[1962] 5p.

Order from ATS \$8.25

ATS-44862R

Trans. of Akademiya Nauk SSSR, Doklady 1962,

v. 85, no. 4, p. 897-900.

DESCRIPTORS: *Mammals, *Spermatogenesis, Cells
(Biology).

(Biological Sciences, TT, v. 8, no. 12)

1. 44253

- I. Title: Amiosis
- II. Stroganova, N. S.
- III. ATS-44862R
- IV. Associated Technical
Services, Inc., East
Rutherford, N. J.

ATS RJ-4198

Office of Technical Services

Panov, E. M. and Kocheshkov, K. A.
ON A NEW FUNDAMENTAL CLASS OF THE
SIMPLEST ORGANIC COMPOUNDS OF LEAD
ArPbX₃. [1963] 7p
Order from K-H \$7.00

K-H 10179

Trans. from Akademiya Nauk SSSR. Doklady, 1952,
v. 85, no. 5.

DESCRIPTORS: *Lead compounds, *Metalorganic
compounds, Halides.

(Chemistry--Organic, TT, v. 10, no. 11)

63-22476

- I. Panov, E. M.
- II. Kocheshkov, K. A.
- III. K-H-10179
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

On the Anisotropy of Diamagnetic Susceptibility of
Benzene, Naphthalene and Anthracene, by M. V.
Volkenshtein, L. A. Borovinski, 4 pp. UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXV, No 5,
1952, pp 977-980.

Navy Tr 809/ONI 441

Scientific - Chemistry

Aug 53 CTS/DEX

4713

Zhukova, N. V.
INFLUENCE OF FLUXES ON THE LEVEL OF
LOCALIZATION OF THE ELECTRONS IN ZnS-Cu-
PHOSPHORS. [1962] 7p. (4 figs. omitted) 15 refs.
Order from OTS or SLA \$1.10 62-16703

Trans. of Akademiya Nauk SSSR. Doklady, 1952,
v. 85, no. 5, p. 981-984.

DESCRIPTORS: *Zinc compounds, *Sulfides, *Copper,
*Phosphors, *Luminescence, *Electrons, Excitation,
Brightness, Temperature, Heating, Lattices.

(Chemistry--Physical, TT, v. 8, no. 8)

62-16703

I. Zhukova, N. V.

Office of Technical Services

Tsiklis, D.S.
THE LIMITED MUTUAL SOLUBILITY OF GASES IN
THE SYSTEM AMMONIA-NITROGEN AT HIGH PRES-
SURES. 6 p. 8 refs. MTWL: 621
Order from OTS or ETC \$1.55

61-17223

Trans. of Akademiya Nauk SSSR. Doklady, 1952,
v. 86, no. 5, p. 993-995.

DESCRIPTORS: Gases, Solubility, High pressure
research, *Nitrogen, *Ammonia.

61-17223

- I. Tsiklis, D.S.
- II. MTWL-621
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Anisotropy of Distortions of Crystal Lattice of
Martensite, by V. A. Il'ina, V. K. Kritskaya, O. V.
Kurdyumov

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXV,
No 5, 1952, pp 997-999.

Brutcher Tr 3080

Scientific - Minerals/Metals
CTS/DMX

Price \$2.90

7859

Measurement of the Rate of Motion of the Main Channel
of High-Voltage Discharge, by I. S. Stekol'nikov
8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol LXXXV, 1952,
pp 1013-1016.

AEC Tr 1732

Scientific - Physics

CIS/DEX

7292

Handwritten: 372

Complex Formation Between Alkali Metal Fluorides
and Fluorides of the Lanthanum Group Metals, by
E. P. Dergunov, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, No 5,
1952, pp 1025-1028. 9220441

AEC-Tr-6232

Sci
Mar 64

(FDD 19290)

The Preparation of Acetylene and Ethane Tagged With
Radioactive Carbon C^{14} , by N. P. Keyyer, B. V. Klimenok,
G. V. Isagulyants, 7 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol XXCV, No 5
Moscow, 1953, pp 1029-1031.

CIA/FDD/U-5519

USSR
Sci - Chemistry, isotopes

10,572

New Fundamental Class of Simplest Lead
Organic Compounds ArPbX_3 , by
E. M. Kocheshkov, K. A. ³Kocheshkov, 6 pp.
RUSSIAN, per, Doklady Akademiy Nauk SSSR,
Vol. 85, no. 5, 1952, pp. 1037-1040.
CFSTI TT 69-53039

Sci/mat
Feb 70

402,471

Diffusion in a Liquid with Turbulent Agitation,
by I. A. Nagotskaya, 9 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, 1952
Vol LXXXV, No 5, pp 1057-1060.

Sci Ma Lib ~~x~~ No 54/2517

NATL Res Lib TT424

19,124

Scientific - Physics

Simultaneous Adsorption of Ethylene and Propylene
on Active Carbon, by B. P. Berin, V. V. Serpinskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXXV, 1952, pp 1065-1068.

Assoc Tech Sv RJ-208
\$6.80

Scientific - Chemistry
CIS 73/Oct 1955

27,471

Comparison of the Spectral Properties of Chlorophyll
and Pheophytin in Different Solvents, by V. B.
Evstigneyev, V. A. Gavrilova, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV,
1952, pp 1073-1076.

SLA R-1272

May 58

64,615-

13 245

Ca-1

TOLSTOI D. M.

The molecular theory of the slip of liquids on solid surfaces

Dokl. Akad. Nauk SSSR, 85, No. 5, 1089-1092 (1952)

TT 423 - English

E u r a t o m

Structure of the Peroxide Formed in the Mercury-Sensitized Photochemical Oxidation of Propene at Room Temperature, by N. V. Fok, A. B. Halband'yan.

Full translation.

RUSSIAN, ~~thrice~~ once per, Dok Ak Nauk SSSR, Vol LXXXV, 1952, pp 1093-1095.

AEC Tr 1617

USSR
Scientific - Chemistry

Jul 53 CTS

4014

Molecular Theory of the Slip of Liquids on
Solid Surfaces, by D. M. Tolsted, 1952.

Library, Thrice-see per, Dok Ak Bank 5521,
U. S. 1952, No 5, 1952, pp 1099-1092.

Sci Lib No 54/2424

Natl Res 418TT/423

Scientific - Physics

19, 121

Studies of the Role of Individual Oxidases in
Apple Respiration, by B. A. Rubin, E. V. Artsikhovskaya,
5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, No 5,
1952, pp 1123-1126.
OTS 63-11085
PL-480

Sci - Biol & Med Sci
Jun 64

260,813

Popov, V. V. and Borsuk, R. A.
 REPLACEMENT OF CORNEA IN ADULT FOWL
 WITH EMBRYONAL SKIN [Zameshchente Rogovitay
 u Vzroslykh Ptits Embrional'noi Kazhei] tr. by
 Z. D. Knowles. 28 Oct 53, 10p. 6 refs.
 Order from OTS or SLA \$1.10 61-28023

Trans. of Akademiya Nauk SSSR. (Doklady) 1952,
 v. 85, no. 5, p. 1181-1184.
 Another trans. is available from SLA as RT-257.

DESCRIPTORS: *Chickens, *Skin, *Eye, Therapy,
 *Transplantation, Surgery, Tissues (Biology),
 *Embryos, Age factors, Regeneration,

(Biological Sciences--Pathology, TT, v. 7, no. 1)

61-28023

- I. Title: Cornea
- I. Popov, V. V.
- II. Borsuk, R. A.
- III. National Institutes of Health, Bethesda, Md.

NIA

7107

Office of Technical Services

(FDD 19075)

Detection of Meteoric Dust at the Place Where the
Sikhote-Alinsk Iron Meteoric Rain Fell, by Ye. L.
Irinov, S. S. Ponton, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Nov Ser,
Vol LXXXV, No 6, Moscow/Leningrad, 1952, pp 1227-1230.

CIA/FDD/U-5563

USSR

Sci - Astronomy

Mar 54 CTS

11,716

On the Spatial Distribution of Sources of the
Galactic Radio Emission, by I. S. Shklovskiy.
UNCLASSIFIED

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR, Vol
LXXXV, No 6, 1952, pp 1231-1234.

Navy Tr 939/NRL 461

Scientific - Astronomy

9352

Feb 54 CTB/DEX

Resonance Absorption of Sound in Paramagnetics,
by S. A. Al'tshuler, 8 pp. (

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXXV,
No 6, 12 Aug 1952, pp 1235-1238.

51A60-21774
~~XXXX~~ SLA Tr R-1035

Sci - Physics

Language *See Rm*
54,608

Oct 57

*Library
General Science Div of Canada
Bldg 14, St. Andrews, N.R.*

Form of ISO-Opacity of the Photographic Emulsion,
P. V. Neyklyar, 8 pp. UNCLASSIFIED.

SEAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV,
5, 1952, pp 1255-1258.

CIA/FDD/X 1414

Scientific - Physics

17,740

Remarks Concerning the Classical Derivation of
Maxwell's Law, by *M* Yu. V. Linnik, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV,
No 6, 1952, pp 1251-1255.

Sci Bu Lib No 54/2520

Natl Res Lib TT452

Scientific - Physics

19,129

... ..
1952, by J. T.

... ..

... ..,
... .., No 6, 1952, pp 1277-1280.

... ..

Scientific - Chemistry Aug 53 CUS/...

See

4457

S-5261

(N/2710).

Equations of Crystallization Surfaces of a
Congruently Melting Ternary Chemical Compound
and Its Components in the Ternary System,
by A. T. Grigor'ev,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV,
No 6, 1952, pp 1281-1284.

*JPRS

Sci - Chem, Crystallization

Jun 59

Metalloorganic Analogs of Benzoic and P-toluic
Acids, by E. M. Panov, K. A. Kocheshkov.
RUSSIAN, per, Doklady Akademiy Nauk SSSR,
Vol. 85, no. 6, 1952, pp. 1293-1295.
CFSTI TT 69-53030

Sci/b&m
Feb 70

402,471

Solubility and Activity of Oxygen in Iron and Vanadium Melts, by R. A. Karasev, A. Yu. Polyakov, A. M. Samarin.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXXV, No 6, 1952, pp 1313-1316.

Natl Res Lib
TT.448

Scientific - *Chemistry*
~~Physics~~

CTS/DEX

18,747

Isotopic Composition of Oxygen in Minerals
of a Skarn Origin, by V. P. Vinogradov, E. I.
Dontsova, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXXV, No 6, 1952, pp 1341-1343.

SLA R-1218

May 58

64,525

the ship of Mercury on March, 2, 1952, pp. 1329-1332.

MINISLAI, thrice-mo per, Dok Ak Kank SSSR,
Vol. 1329, No 6, 1952, pp 1329-1332.

19, 12 2

Sci Ma Lib No 54/2425

AbH Res Inst T453

Scientific - Chemistry

On the Question of the Relation Between Respiration
and the Synthetic Processes in the Higher Plants,
by Oparin, Gelman, 10 pp. UNCLASSIFIED

Full translation.

RUSSIAN, thrice-no per, Dok Ak. Nauk SSSR, Vol LXXXV,
1952, pp 1357-1360.

AEC Tr 2047

Scientific - Chemistry

Jun 53 CTS/DEX

3074

On a Possible Role of Protein in the Photosynthetic
Process, by L. A. Mezgovorov, 9 pp. UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk BSSR, Vol LXXXV,
1952, pp 1387-1390.

AEC Tr 2049

Scientific - Chemistry

Jun 53 CTS/DEX

3075

Effect of Manganese on Photosynthesis by Water
Plants, by C. C. Skvortozov, 7 pp. UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIV,
1952, pp 1391-1393.

AEC Tr 2050

Scientific - Chemistry Jun 53 CTS/DEX

3076

Dynamics of Accumulation of Pigments in Grape Leaves
as a Phase of Yearly Growth, by P. G. Tavadze, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952,
pp 1395-1398.

SLA Tr R-1274

Sci

Jun 58

65,854

(FDD 21398)

Effect of Changes in the Functional Condition of the
Cortex of Large Hemispheres Produced by Chloral
Hydrate Upon the Unconditioned Interoceptor Re-
flexes in the Stomach, by I. A., Bulygin, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Nov 1952
Ser, Vol LXXXV, No 6, Moscow, Aug 1952, pp 1415-1418.

CIA/FDD/U-6161

USSR
Sci - Med

16,613

NTC

DOKLADY AKADEMII NAUK SSSR

1952 V82 P237-240	70-12856-070 <*>
1952 V84 N3 P523-526	70-23757 <*>
1952 V85 N1 P121-124	70-23425 <*>
1952 V85 N1 P161-164	70-23426 <*>
1952 V85 N2 P353-356	70-23427 <*>
1952 V85 N2 P381-384	70-23428 <*>
1952 V85 N5 P1037-1040	TT-69-53039 <*>
1952 V85 N5 P1045-1048	70-23762 <*>
1952 V86 N3 P547-550	70-23417 <*>
1952 V86 N5 P973-975	70-23423 <*>
1952 V86 N6 P1145-1148	70-23430 <*>
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~~NSA-TR-2062~~

AEC-TR-1509

Scientific - Electronics, radio emission

CIA 1105580 Feb 53 CTS/DEX

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MAR 63

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Scientific - Physics

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Scientific - Chemistry

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JPRS 4050

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Insdoc
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Sci - Chemistry

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(FID 275.61)

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CIA/FDD U-8140

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NEGATIVE IONS OF ARSENIC, PHOSPHORUS, SULFUR
AND THALLIUM, tr. by George F. Hill. 4 May 62
[7p. 9 refs. [AMC] (Redstone) Trans-nr-21-62.
Order from OTS or SLA \$1.10 62-24497

Trans. of Akademiya Nauk SSSR (Doklady) 1952,
v. 86, no. 2, p. 263-265.

DESCRIPTORS: Ions, *Arsenic, *Phosphorus, *Sulfur,
*Thallium compounds, Halides, Mass spectroscopy,
Gas discharges, Nitrogen, Ammonia.

As part of a study of the capability of atoms and mole-
cules to add an electron and be changed into free nega-
tive ions, an investigation was made of the composition
of ions forming in a gas discharge in nitrogen and
ammonia, and also in the vapors of arsenic, phosphorus,
sulfur and of the haloid salts of thallium.
(Physics--Molecular, I, v. 9, no. 7)

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III. AMC (Redstone) Trans-21-62
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CIA/TDD/U-5676

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Sci - Minerals/Metals, metallurgy, ore reduction

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OLEIN- SAURENSYSTEMS (Phase Diagram of the
System of Stearic, Palmitic, and Oleic Acids) 8p.
MTWL: 881. (text in German).
Order from OTS or ETC \$1.55 61-17627

Trans. of Akademiya Nauk SSSR. Otklady, 1952,
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DESCRIPTORS: Oleic acids, Stearic Acids, *Fatly
acids, *Phase studies.

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Brutcher Tr 2966

Scientific - Chromized surfaces, wear

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Kuzin, Y. V. Manul', R. I. Khudyakova, 4 pp.

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May 58

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DESCRIPTORS: Minerals, *Quartz, Experimental data, Geology, Geophysics, Sand, Rock, Quantitative analysis, Fragmentation, Mountains.

(Earth Sciences--Mineralogy, TT, v. 8, no. 4)

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Sci - Physics

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